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PTO/SB/05 (11/00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	454311-2220.2
	First Inventor	Sean PHILPOTT et al.
	Title	ANALYSIS OF HIV-1 CORECEPTOR USE IN THE CLINICAL CARE OF HIV-1 INFECTED PATIENTS
	Express Mail Label No.	EV 287824882US


APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Addressed to: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)
3. <input checked="" type="checkbox"/> Specification [Total Pages <u>47</u>] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none">- Descriptive title of the invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix.- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (<i>if filed</i>)- Detailed Description- Claim(s)- Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CFR) b. Specification sequence Listing on: <ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input checked="" type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>4</u>]	ACCOMPANYING APPLICATION PARTS
5. Oath or Declaration [Total Pages <u>4</u>] <ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i><ul style="list-style-type: none">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s))
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <input type="checkbox"/> Power of Attorney
	11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)
	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
	13. <input checked="" type="checkbox"/> Preliminary Amendment
	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
	16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach from PTO/SB/35 or its equivalent.
	17. <input checked="" type="checkbox"/> Other: Formal Drawings (4 Sheets)

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/963,064
Prior application information: Examiner: J. Jeffrey Stucker Group/Art Unit: 1648

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number	<u>20999</u>	or <input type="checkbox"/> Correspondence address below	
Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type)	William S. Frommer	Registration No. (Attorney/Agent)	25,506
Signature		Date	October 29, 2003

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14280 U.S. PTO

**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Sean PHILPOTT et ak,
Examiner Name	J. Jeffrey Stucker
Attorney Docket No.	454311-2220.2

TOTAL AMOUNT OF PAYMENT (\$)**1,798.00****METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit
Account
Number

50-0320

Deposit
Account
Name

Frommer Lawrence & Haug LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee \$	Fee Code	Fee \$		
1001	770	2001	385	Utility filing fee	385.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 385.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Total Claims	Extra Claims	Fee from below	Fee Paid
Total Claims	91	-20** = 71	X 9.00	= 639.00
Independent Claims	21	-3** = 18	X 43.00	= 774.00
Multiple Dependent		X 0	= 0	

Large Entity		Small Entity		Fee Description
Fee Code	Fee \$	Fee Code	Fee \$	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$) 1,413.00				

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee \$	Fee Code	Fee \$		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or Cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1480	2254	740	Extension for reply within fourth month	
1255	2010	2255	1005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1330	2453	665	Petition to revive- unintentional	
1501	1330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for continued examination(RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee

SUBMITTED BY

Name (Print/Type)

William S. Frommer

Registration No.
(Attorney/Agent)

25,506

Complete (if applicable)

Telephone

212-588-0800

Signature

Date

OCTOBER 29, 2003

WARNING: Information on this form may become public. credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggesting or reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop AFCommissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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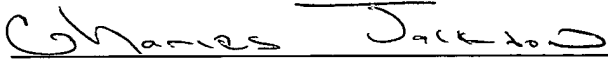
CERTIFICATE OF MAILING - SEPARATE PAPER - PATENT APPLICATION

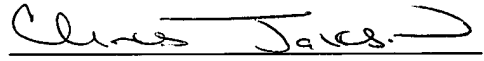
Attorney Docket No. : 454311-2220.2
Title : ANALYSIS OF HIV-1 CORECEPTOR USE IN THE
CLINICAL CARE OF HIV-1 INFECTED PATIENTS
Filed : Herewith
Applicants : Sean PHILPOTT et al.

Mailed **October 29, 2003** via "Express Mail Label # EV 287824882 US

I hereby certify that the Patent Application for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

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Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Sean PHILPOTT et al.
Serial No. : Divisional of U.S. Serial No. 09/963,064
Filed : Herewith
For : ANALYSIS OF HIV-1 CORECEPTOR USE IN THE CLINICAL
CARE OF HIV-1 INFECTED PATIENTS

Examiner : J. Jeffrey Stucker
Art Unit : 1648

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Date of Deposit: October 29, 2003

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Charles T. Jackson

(Typed or printed name of person mailing paper or fee)

Charles T. Jackson

(Signature of person mailing paper or fee)

745 Fifth Avenue
New York, New York 10151

COMMUNICATION

Mail Stop Patent Application
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed are the formal drawings for this application.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP

By: William S. Frommer

William S. Frommer
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Encs. - Formal Drawings (4 Sheets)